




Petroleum Geophysics Fundamentals

Session One

SUBJECT AREA	Petroleum Geophysics	
TARGET AUDIENCE	This program is ideal for oil and gas industry personnel who wish to obtain a practical understanding of fundamentals of petroleum geophysics and the critical skills and practical techniques used by geophysicists.	
COMMITMENT	3-4 hours self-study and 1 hour online virtual mentored session per week for five continuous weeks.	
LEARNING FORMATS	e-Learning self-study, participation in online group discussion with virtual mentor	
MENTORS	 Mr. Dean Mento  Dr. Charles Brankman  Mr. Piers Cooke-Yarborough	
LANGUAGE	e-learning courses in English, Spanish and Portuguese	
ENROLLMENT FEE	PRICE (non-licensee) US \$1,000 per enrollee	PRICE (IHRDC licensee of IPIMS) US \$500 per enrollee
DATES	September 10 - October 12, 2018	

IHRDC















VIRTUAL MENTORED LEARNING



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Program Content	
	<p> e-Learning</p> <p> Virtual Mentored Learning</p>
WEEK ONE	<p> Fundamentals of Petroleum Geology; Subsurface Mapping; Waveform to Geologic Model</p> <p> Discussion of Major Topics; Response to Mentor Questions/Assignments</p>
WEEK TWO	<p> Signal Theory</p> <p> Discussion of Major Topics; Response to Mentor Questions/Assignments</p>
WEEK THREE	<p> Seismic Pulse</p> <p> Discussion of Major Topics; Response to Mentor Questions/Assignments</p>
WEEK FOUR	<p> Seismic Reflection</p> <p> Discussion of Major Topics; Response to Mentor Questions/Assignments</p>
WEEK FIVE	<p> Basic Seismic Interpretation</p> <p> Discussion of Major Topics; Response to Mentor Questions/Assignments</p>